

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 03095268
PUBLICATION DATE : 19-04-91

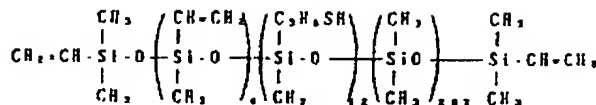
APPLICATION DATE : 08-09-89
APPLICATION NUMBER : 01233257

APPLICANT : SHIN ETSU CHEM CO LTD;

INVENTOR : HARA YASUAKI;

INT.CL. : C08L 83/08 C08G 75/04 C08G 77/48

TITLE : SOLID SPHERICAL SILICON
PARTICULATE AND ITS PRODUCTION



ABSTRACT : PURPOSE: To obtain the title particulate having a very small diameter and containing various functional groups readily without fail by emulsifying a specified organopolysiloxane and irradiating the emulsion with ultraviolet rays in the presence of a photosensitizer.

CONSTITUTION: An organopolysiloxane containing at least one unsaturated aliphatic group (a) bonded to the Si atom and at least one R-SH group (b) (wherein R is a divalent 1-10C organic group) in its molecule, wherein the sum of groups (a) and (b) is at least 3, e.g. a compound of the formula, is emulsified to give emulsion particles with a mean diameter of 20μm or less, and the particles are irradiated with ultraviolet rays in the presence of a photosensitizer for hardening, thus giving the title particulate having a very small diameter and containing various functional groups readily without fail.

COPYRIGHT: (C)1991,JPO&Japio